CHAPTER 1

A. PURPOSE

1. Scope. This User Guide is a reference to the Defense Audiovisual Information System (DAVIS) computer system. It covers logging in and out of the computer, the BASIS data base query language and the structure of the various DAVIS files.

2. Use. While this guide is primarily a reference document, it does not contain highly technical information and is not intended to replace formal training. The novice can use it and it will assist the user in exploiting the capabilities of DAVIS and the DAVIS information resources.

B. THE DEFENSE AUDIOVISUAL INFORMATION SYSTEM

1. DAVIS provides centralized data files of Department of Defense (DoD) audiovisual productions, facilities, and personnel resources with a shared central data base of information resources. It provides a more accessible and better utilized data base within the DoD and with other Federal Agencies, the educational community, and the private sector.

2. Both DoD and the National Audiovisual Center (NAC) are engaged in "pulling these materials together" as a basis for mutual exchange, access to these materials, and eliminating duplicate data processing systems.

3. The Catalog of DoD Audiovisual Productions will be a continuing product of DAVIS. This provides nonterminal users with both cumulative and periodically updated information on audiovisual materials using standardized formats and common indexing.

4. DAVIS information resources represent millions of dollars in the training and talent and experience of DoD audiovisual and educational professionals as well as in the audiovisual materials themselves. Improving the use and management of these information resources is, therefore, of fundamental interest to the DoD.

C. SYSTEM OPERATION

1. DAVIS Files. The DAVIS data base is located on the Information Center (INFOCEN) computer system at Wright-Patterson Air Force Base", Ohio. While many files and data bases make up the INFOCEN system, only the following are a part of DAVIS;

a. <u>Products File (D201)</u>. The Products file is designed around the DD Form 1995-2, "DoD AV Production Report. " It includes, however, data base fields which do not pertain to the use of the 1995-2. These are related to the National Audiovisual Center. A full description of this file is given in Chapter 5, Section C.

b. <u>Facilities Files (D202)</u>. The Facilities files data base is a representation of the DD Form 2054/1 and /2, "Audiovisual Annual Report." (See Chapter 5, Section D for details.)

c. <u>Descriptor File (D207)</u>. This file contains the DoD catalog index codes and the various subject descriptor codes used on the DD Form 1995-2.

2. <u>System Management</u>. Policy guidance for development and operation of DAVIS is provided by the American Forces Information Service, Defense Audiovisual Policy which also monitors frequency of user access and resources used. Operational automatic data processing (ADP) support and program development is provided by the Department of the Air Force, Aeronautical Systems Division Computer Center, Wright-Patterson Air Force Base, Dayton, Ohio.

3. <u>System Access</u>. Terminals located in major audiovisual production centers, training commands and military schools are used both as retrieval from and input into the centralized data base. The way information is entered or extracted from·a data base is through a special data base query language. The query language used at INFOCEN is BASIS.

4. <u>System Capability</u>. A unique text-processing and retrieval capability permits every word in the record to be machine-indexed and retrievable. The system is interactive; that is, the user interacts with the system in terms of specifying required infor- mation, noting search results and modifying the search strategy. This process of "negotiation" is repeated until the user has the desired information or is satisfied that it does not exist in the system. System outputs may be either on-line or off-line. Details for both input and retrieval operations are covered in this guide.

5. <u>Terminals</u>. The preferred terminal to be used within DAVIS is the Digital Equipment Corporation DEC VTIOO or compatible. While the on-line input editor (OLIVE) works with any line-oriented terminal device, DEC VTIOO comparability is recommended for file input to take advantage of screen-oriented input programs. Also , some of the INFOCEN system utilities (e.g., "Phone") require VTIOO compatibility. Some of the compatibles on the market are:

```
                HAZELTINE  EXECUTIVE-80
                MICRO-TERM  MIME-1OO
                VISUAL 100
                C. ITOH CIT-101
                DATAGRAPHICS  132B
                TELERAY 100
                DATAMEDIA  EXCEL  SERIES
                TAB  PRODUCTS  132/15
                DEC  VT102
                DEC  vT125
                ERGO  301
                ZENITH  Z1OO
                ANY  PERSONAL  COMPUTER  WITH  VTIOO  EMULATOR  SOFTWARE
```

For inquiry only purposes, a wide variety of other terminals may also be used.

D. <u>POINTS OF CONTACT</u>

    1. <u>Access to DAVIS.</u>

        To obtain access to DAVIS, a letter of request for a USER NAME and PASSWORD shall be submitted'through the Component Headquarters AV Manager, stating file access desired (Products file and/or Facilities file) and access level required, to: American Forces Information Service, Assistant Director for AV policy, Plaza West, Suite 208, 1735 North Lynn Street, Arlington VA 22209-2086. Request must include name, mailing address, and telephone number for each user requesting access. The two levels of access are:

        Query - Retrieval only, not able to perform file editing.

        Edit - In addition to data retrieval, user may alter or create in the file without further verification.

    2. <u>Procedural. Questions Regarding DAVIS.</u> Direct these questions to the Systems Analyst for DAVIS at INFOCEN, ASD Computer Center, Wright-Patterson AFB, OH, AUTOVON 785-6175/6176.

    3. <u>Computer-Related Problems.</u> Contact INFOCEN at Wright-Patterson AFB, Chio, Where the data bases are located, for technical assistance if there is difficulty in accessing the data bases. AUTOVON 785-6175/6176.

    4. <u>Problems With TYMNET.</u> Call 800/336-0149 from all of CONUS except Virginia and 800/572-0368 in Virginia; or the tele-communications manager at INFOCEN, AUTOVON 785-6175/6176. Call INFOCEN first for referral to TYMNET trouble number during normal working hours.